

[illegible][illegible]

XX HIV infection, diabetes, bone, liver, osteoporosis, tumor, wound healing
 XX inflammatory bowel disease, nutritional supplement, appetite, vaccine
 XX behavioral characteristics, immune response

XX Homo sapiens.

XX W001:2001:AA.

XX 22 Feb 2001.

XX 13 Aug 2001 2:00W-2001:AA.

XX 17 Aug 1999 09:00:00:AA.

XX 07 SEP 1999 09:00:00:AA.

XX 01 OCT 1999 09:00:00:AA.

XX 04 NOV 1999 09:00:00:AA.

XX (SARA) SARA:CHM:GENE:CHM:

XX (SARA) PROTEOME:INP:

XX Kato, S. Kineta, T.

XX W01:2001:AA0000/1b.

XX N ESHB:AA0000/1b.

XX Human proteins with hydrophobic domains and the DNA which encode them
 are useful for treating autoimmune disorders, tumors and tumors and for
 screening novel pharmaceuticals

XX (Claim 1) Page 200-201: 5,181: English.

XX AA0000/1b to AA0000/1b encode the human protein gene to AA0000/1b.

XX AA0000/1b (1) which have a hydrophobic domain (1) have immunosuppressant,
 anti-HIV, neuroprotective, anti-inflammatory, anti-infective, and can be
 used in gene therapy. (1) can be used as pharmaceuticals and as antigens
 to prepare antibodies. (1) and (1) can be used as

XX probes for detecting diseases and gene sources for gene therapy or for
 producing (1) in large quantities. Cells containing (1) are used for
 the detection of ligands or receptors corresponding to membrane or
 secretory proteins and to screen small molecule novel pharmaceuticals.
 Antibodies directed to (1) can be used for the detection, quantification
 and purification of (1). Activities of (1) may include cytokine and cell
 proliferation/differentiation function, immune stimulation or suppressing
 activity, hematopoiesis regulation activity, tissue growth activity,
 anti-thrombotic activity, anti-cancer activity, anti-infective activity, haemostatic
 activity, (1) and (1) can be used to treat autoimmune disorders e.g.,
 multiple sclerosis, HIV infections, anaemia, burns, ulcers, osteoporosis,
 inflammatory bowel disease and tumors. (1) and (1) can also be used for
 wound healing, as nutritional sources or supplements e.g., as amino acid,
 carbon or nitrogen source, to effect metabolism, cellulose, and/or
 processing and utilization of dietary fat, protein, carbohydrate,
 vitamins and minerals, to effect behavioral characteristics, to affect
 appetite, and can act as antigens in vaccines to raise an immune response
 to the protein or another material cross reactive with the protein

XX Sequence 667 AA.

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX HIV infection, diabetes, bone, liver, osteoporosis, tumor, wound healing
 XX inflammatory bowel disease, nutritional supplement, appetite, vaccine
 XX behavioral characteristics, immune response

XX Homo sapiens.

XX W001:2001:AA.

XX 22 Feb 2001.

XX 13 Aug 2001 2:00W-2001:AA.

XX 17 Aug 1999 09:00:00:AA.

XX 07 SEP 1999 09:00:00:AA.

XX 01 OCT 1999 09:00:00:AA.

XX 04 NOV 1999 09:00:00:AA.

XX (SARA) SARA:CHM:GENE:CHM:

XX (SARA) PROTEOME:INP:

XX Kato, S. Kineta, T.

XX W01:2001:AA0000/1b.

XX N ESHB:AA0000/1b.

XX Human proteins with hydrophobic domains and the DNA which encode them
 are useful for treating autoimmune disorders, tumors and tumors and for
 screening novel pharmaceuticals

XX (Claim 1) Page 200-201: 5,181: English.

XX AA0000/1b to AA0000/1b encode the human protein gene to AA0000/1b.

XX AA0000/1b (1) which have a hydrophobic domain (1) have immunosuppressant,
 anti-HIV, neuroprotective, anti-inflammatory, anti-infective, and can be
 used in gene therapy. (1) can be used as pharmaceuticals and as antigens
 to prepare antibodies. (1) and (1) can be used as

XX probes for detecting diseases and gene sources for gene therapy or for
 producing (1) in large quantities. Cells containing (1) are used for
 the detection of ligands or receptors corresponding to membrane or
 secretory proteins and to screen small molecule novel pharmaceuticals.
 Antibodies directed to (1) can be used for the detection, quantification
 and purification of (1). Activities of (1) may include cytokine and cell
 proliferation/differentiation function, immune stimulation or suppressing
 activity, hematopoiesis regulation activity, tissue growth activity,
 anti-thrombotic activity, anti-cancer activity, anti-infective activity, haemostatic
 activity, (1) and (1) can be used to treat autoimmune disorders e.g.,
 multiple sclerosis, HIV infections, anaemia, burns, ulcers, osteoporosis,
 inflammatory bowel disease and tumors. (1) and (1) can also be used for
 wound healing, as nutritional sources or supplements e.g., as amino acid,
 carbon or nitrogen source, to effect metabolism, cellulose, and/or
 processing and utilization of dietary fat, protein, carbohydrate,
 vitamins and minerals, to effect behavioral characteristics, to affect
 appetite, and can act as antigens in vaccines to raise an immune response
 to the protein or another material cross reactive with the protein

XX Sequence 667 AA.

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

XX

五二二

(iii) $\text{AAl}(\text{CH}_3)_6$, $\text{Si}(\text{Et})_4$, Pr_4O , ZrCl_4 , AA

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW

$$(\hat{z}_t, \hat{z}_{t+1}, \dots, \hat{z}_{t+T-1}) \sim N(\mu, \Sigma)$$
[illegible][illegible][illegible]

Table 1. Characteristics of the study population

| | No. | % |
|------------------|-----|------|
| Total | 60 | 100 |
| Male | 37 | 61.7 |
| Female | 23 | 38.3 |
| Age (years) | | |
| < 18 | 19 | 31.7 |
| 18-24 | 10 | 16.7 |
| 25-34 | 10 | 16.7 |
| 35-44 | 10 | 16.7 |
| ≥ 45 | 11 | 18.3 |
| Ethnicity | | |
| Caucasian | 36 | 60.0 |
| African American | 10 | 16.7 |
| Hispanic | 10 | 16.7 |
| Other | 4 | 6.7 |
| Marital status | | |
| Married | 23 | 38.3 |
| Single | 10 | 16.7 |
| Divorced | 10 | 16.7 |
| Widowed | 17 | 28.3 |

100

1. **THE**
 2. **THE**
 3. **THE**
 4. **THE**
 5. **THE**
 6. **THE**
 7. **THE**
 8. **THE**
 9. **THE**
 10. **THE**
 11. **THE**
 12. **THE**
 13. **THE**
 14. **THE**
 15. **THE**
 16. **THE**
 17. **THE**
 18. **THE**
 19. **THE**
 20. **THE**
 21. **THE**
 22. **THE**
 23. **THE**
 24. **THE**
 25. **THE**
 26. **THE**
 27. **THE**
 28. **THE**
 29. **THE**
 30. **THE**
 31. **THE**
 32. **THE**
 33. **THE**
 34. **THE**
 35. **THE**
 36. **THE**
 37. **THE**
 38. **THE**
 39. **THE**
 40. **THE**
 41. **THE**
 42. **THE**
 43. **THE**
 44. **THE**
 45. **THE**
 46. **THE**
 47. **THE**
 48. **THE**
 49. **THE**
 50. **THE**
 51. **THE**
 52. **THE**
 53. **THE**
 54. **THE**
 55. **THE**
 56. **THE**
 57. **THE**
 58. **THE**
 59. **THE**
 60. **THE**
 61. **THE**
 62. **THE**
 63. **THE**
 64. **THE**
 65. **THE**
 66. **THE**
 67. **THE**
 68. **THE**
 69. **THE**
 70. **THE**
 71. **THE**
 72. **THE**
 73. **THE**
 74. **THE**
 75. **THE**
 76. **THE**
 77. **THE**
 78. **THE**
 79. **THE**
 80. **THE**
 81. **THE**
 82. **THE**
 83. **THE**
 84. **THE**
 85. **THE**
 86. **THE**
 87. **THE**
 88. **THE**
 89. **THE**
 90. **THE**
 91. **THE**
 92. **THE**
 93. **THE**
 94. **THE**
 95. **THE**
 96. **THE**
 97. **THE**
 98. **THE**
 99. **THE**
 100. **THE**

[illegible]

PK 18-III, 2000; 2000/5 (6, 1989-3, 88)

$$\frac{1}{V_A} \frac{dV_A}{dt} = \frac{1}{N_A} \frac{dN_A}{dt} = \frac{1}{N_A} \left(\frac{dN_A}{dt} \right)_{\text{net}}$$

XX
L
XX

170011K A

[illegible][illegible]

be useful in the treatment and diagnosis of GPR-related conditions and for identifying drug modulators for use as insecticides.

[illegible]

the insect with relation to sex, age, etc. in the isolated *Europhilina*.

the use of a master coupled receptor (GPR), the GPCR proteins and the nucleic acids are useful in the treatment and diagnosis of GPCR-related

ly, conditions. The cytochrome proteins and nucleic acids are also useful for identifying modulators for use as insecticides. The

5' microarray can also be used to detect mutations in cPCR genes and gene expression products such as mRNA. AAU36924-AAU38998 represent D.

mediated by coupled protein receptor amino acid sequences on the involved.

SYNOPSIS

THE MATHS

Mathematics

1. *Chlorophyll a* (Chl *a*)

1990

| | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | |

[illegible]

1. *Phragmites australis* (Cav.) Trin. ex Steud.

1000

THE UNIVERSITY OF CHICAGO

[illegible][illegible]

Sat Aug 31 14:57:25 2002

us-09-759-056-2.rag

| Year | Country | Population (millions) | Urban population (millions) | Urban population (%) | Population density (per sq km) | Urban population density (per sq km) |
|------|---------|-----------------------|-----------------------------|----------------------|--------------------------------|--------------------------------------|
| 1975 | Kenya | 10.0 | 3.0 | 30 | 100 | 300 |
| 1985 | Kenya | 12.0 | 4.0 | 33 | 120 | 330 |
| 1995 | Kenya | 14.0 | 5.0 | 36 | 140 | 360 |
| 2005 | Kenya | 16.0 | 6.0 | 38 | 160 | 380 |
| 2015 | Kenya | 18.0 | 7.0 | 39 | 180 | 390 |
| 2025 | Kenya | 20.0 | 8.0 | 40 | 200 | 400 |

| Year | AK | AK + 2 |
|------|-----|--------|
| 1980 | 1.0 | 1.0 |
| 1981 | 1.0 | 1.0 |
| 1982 | 1.0 | 1.0 |
| 1983 | 1.0 | 1.0 |
| 1984 | 1.0 | 1.0 |
| 1985 | 1.0 | 1.0 |
| 1986 | 1.0 | 1.0 |
| 1987 | 1.0 | 1.0 |
| 1988 | 1.0 | 1.0 |
| 1989 | 1.0 | 1.0 |
| 1990 | 1.0 | 1.0 |
| 1991 | 1.0 | 1.0 |
| 1992 | 1.0 | 1.0 |
| 1993 | 1.0 | 1.0 |
| 1994 | 1.0 | 1.0 |
| 1995 | 1.0 | 1.0 |
| 1996 | 1.0 | 1.0 |
| 1997 | 1.0 | 1.0 |
| 1998 | 1.0 | 1.0 |
| 1999 | 1.0 | 1.0 |
| 2000 | 1.0 | 1.0 |
| 2001 | 1.0 | 1.0 |
| 2002 | 1.0 | 1.0 |
| 2003 | 1.0 | 1.0 |
| 2004 | 1.0 | 1.0 |
| 2005 | 1.0 | 1.0 |
| 2006 | 1.0 | 1.0 |
| 2007 | 1.0 | 1.0 |
| 2008 | 1.0 | 1.0 |
| 2009 | 1.0 | 1.0 |
| 2010 | 1.0 | 1.0 |
| 2011 | 1.0 | 1.0 |
| 2012 | 1.0 | 1.0 |
| 2013 | 1.0 | 1.0 |
| 2014 | 1.0 | 1.0 |
| 2015 | 1.0 | 1.0 |
| 2016 | 1.0 | 1.0 |
| 2017 | 1.0 | 1.0 |
| 2018 | 1.0 | 1.0 |
| 2019 | 1.0 | 1.0 |
| 2020 | 1.0 | 1.0 |
| 2021 | 1.0 | 1.0 |
| 2022 | 1.0 | 1.0 |
| 2023 | 1.0 | 1.0 |
| 2024 | 1.0 | 1.0 |
| 2025 | 1.0 | 1.0 |
| 2026 | 1.0 | 1.0 |
| 2027 | 1.0 | 1.0 |
| 2028 | 1.0 | 1.0 |
| 2029 | 1.0 | 1.0 |
| 2030 | 1.0 | 1.0 |
| 2031 | 1.0 | 1.0 |
| 2032 | 1.0 | 1.0 |
| 2033 | 1.0 | 1.0 |
| 2034 | 1.0 | 1.0 |
| 2035 | 1.0 | 1.0 |
| 2036 | 1.0 | 1.0 |
| 2037 | 1.0 | 1.0 |
| 2038 | 1.0 | 1.0 |
| 2039 | 1.0 | 1.0 |
| 2040 | 1.0 | 1.0 |
| 2041 | 1.0 | 1.0 |
| 2042 | 1.0 | 1.0 |
| 2043 | 1.0 | 1.0 |
| 2044 | 1.0 | 1.0 |
| 2045 | 1.0 | 1.0 |
| 2046 | 1.0 | 1.0 |
| 2047 | 1.0 | 1.0 |
| 2048 | 1.0 | 1.0 |
| 2049 | 1.0 | 1.0 |
| 2050 | 1.0 | 1.0 |
| 2051 | 1.0 | 1.0 |
| 2052 | 1.0 | 1.0 |
| 2053 | 1.0 | 1.0 |
| 2054 | 1.0 | 1.0 |
| 2055 | 1.0 | 1.0 |
| 2056 | 1.0 | 1.0 |
| 2057 | 1.0 | 1.0 |
| 2058 | 1.0 | 1.0 |
| 2059 | 1.0 | 1.0 |
| 2060 | 1.0 | 1.0 |
| 2061 | 1.0 | 1.0 |
| 2062 | 1.0 | 1.0 |
| 2063 | 1.0 | 1.0 |
| 2064 | 1.0 | 1.0 |
| 2065 | 1.0 | 1.0 |
| 2066 | 1.0 | 1.0 |
| 2067 | 1.0 | 1.0 |
| 2068 | 1.0 | 1.0 |
| 2069 | 1.0 | 1.0 |
| 2070 | 1.0 | 1.0 |
| 2071 | 1.0 | 1.0 |
| 2072 | 1.0 | 1.0 |
| 2073 | 1.0 | 1.0 |
| 2074 | 1.0 | 1.0 |
| 2075 | 1.0 | 1.0 |
| 2076 | 1.0 | 1.0 |
| 2077 | 1.0 | 1.0 |
| 2078 | 1.0 | 1.0 |
| 2079 | 1.0 | 1.0 |
| 2080 | 1.0 | 1.0 |
| 2081 | 1.0 | 1.0 |
| 2082 | 1.0 | 1.0 |
| 2083 | 1.0 | 1.0 |
| 2084 | 1.0 | 1.0 |
| 2085 | 1.0 | 1.0 |
| 2086 | 1.0 | 1.0 |
| 2087 | 1.0 | 1.0 |
| 2088 | 1.0 | 1.0 |
| 2089 | 1.0 | 1.0 |
| 2090 | 1.0 | 1.0 |
| 2091 | 1.0 | 1.0 |
| 2092 | 1.0 | 1.0 |
| 2093 | 1.0 | 1.0 |
| 2094 | 1.0 | 1.0 |
| 2095 | 1.0 | |

Ziegler, H. *Chemische Technologie*. 2. Aufl. Zürich, 1944: 461.
 Ziegler, H. *Chem. Ber.* 75: 2767.



TITLE OF INVENTION: The use of a BMP protein in biocontrol
TITLE OR INVENTOR: Complex for Secreted Peptide Metabolism Activities and C-118
TITLE OR INVENTOR: Co-Invented With a Type II BMP Receptor and a Type I
TITLE OR INVENTOR: Bsp Receptor
NUMBER OF SEQUENCES: 49
COUNTRY AND ADDRESS:
ADDRESSER: The Procter & Gamble Company
STREET: 11810 East Miami River Road
CITY: Ross
STATE: OH
COUNTRY: USA
ZIP: 45061
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
LINKING SYSTEM: J-Link 1.05
SOFTWARE: Edited in BioEdit #1.05, Version #1.50
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 2000/712,457B
FILING DATE:
CLASSIFICATION: A55
ANTAGONIST IDENTIFICATION:
NAME: D-18NO, Part 3:
REFERENCE NUMBER: 42,572
REFERENCE/SEQUENCE NUMBER: 514R
TITLE/SEQUENCE IDENTIFICATION:
TELEPHONE: (513) 627-0604
TELEFAX: (513) 627-0600
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 amino acids
TYPE: amino acid
SIGNIFICANCE: not relevant
FUNCTION: not relevant
MOLECULE TYPE: protein

US 008 462 467B B

[illegible]

140 258 SOUTHWESTERN ASSOCIATED TELEVISION STATION, AKA: KOB-TV, 1100
 141 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 142 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 143 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 144 246 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 145 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 146 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 147 246 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 148 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 149 425 Y 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 150 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 151 401 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 152 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 153 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 154 401 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 155 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 156 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 157 401 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 158 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 159 401 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 160 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202

RESULT 10
 08 09 762 728A 2
 1 Sequence 2: Application US/09/08/728A
 2 Patent No. 7,488,843
 3 GENERAL INFORMATION:
 4 APPLICANT: BROWN, ANTHONY
 5 APPLICANT: CHAPMAN, RONALD STEPHEN
 6 APPLICANT: GILBERT, JONAS STEPHEN
 7 APPLICANT: EVANS, JOANNE PATRICIA
 8 APPLICANT: CALLEN, WILLIAM
 9 APPLICANT: HERGEN, HUGH
 10 TITLE OF INVENTION: A METHOD FOR
 11 FILE REFERENCE: 08/00176
 12 CURRENT FILING DATE: 1998/08/28
 13 PRIOR APPLICATION NUMBER: 08/088992
 14 PRIOR FILING DATE: 1998/08/28
 15 NUMBER OF SEQ. IN N.S.: 6
 16 SOFTWARE: FASTSEQ FOR WINDOWS VERSION 4.0
 17 No. IN N.S.: 2
 18 LENGTH: 797
 19 TYPE: FBI
 20 ORIGINATOR: FBI/CATINGS
 21 US 09 182 728A 2

Query Match: 2.08% Score 97.5% DB 4: Length 797
 Host local similarity: 20.6% Prod. No. 0.29
 Matches: 87: Conservative 59: Mismatches 168: Indels 109: Gaps 23

140 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 141 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 142 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 143 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 144 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 145 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 146 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 147 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 148 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 149 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 150 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 151 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 152 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 153 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 154 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 155 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 156 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 157 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 158 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 159 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 160 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202

246 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 140 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 141 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 142 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 143 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 144 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 145 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 146 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 147 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 148 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 149 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 150 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 151 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 152 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 153 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 154 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 155 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 156 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 157 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 158 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 159 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202
 160 1000 WEST 10TH AVENUE, DENVER, CO 80202, DENVER, CO 80202, DENVER, CO 80202

RESULT 10
 08 08 700-0138-21
 1 Sequence 21: Application US/08/000138
 2 Patent No. 5,919,653
 3 GENERAL INFORMATION:
 4 APPLICANT: ALBERT, VICTOR E.
 5 APPLICANT: BORDON, LAWRENCE A.
 6 APPLICANT: MOKOTOVA, JEFFREY P.
 7 TITLE OF INVENTION: Human Olfactory Transporter
 8 NUMBER OF SEQUENCES: 41
 9 CORRESPONDENCE ADDRESS:
 10 ADDRESS: 4007 E. 11th Ave., Suite 210
 11 CITY: Lakewood, CO 80202
 12 STATE: CO
 13 COUNTRY: USA
 14 ZIP: 80202
 15 COMPUTER READABLE FORM:
 16 MEDIUM TYPE: DISKETTE
 17 COMPUTER: IBM compatible
 18 OPERATING SYSTEM: DOS
 19 SOFTWARE: FASTSEQ FOR WINDOWS VERSION 4.0
 20 CURRENT FILING DATE: 1998/07/27
 21 APPLICATION NUMBER: 08/000138
 22 FILING DATE:
 23 PRIORITY DATE:
 24 ATTORNEY/AGENT INFORMATION:
 25 NAME: BORDON, ALLEN
 26 REGISTRATION NUMBER: 29,115
 27 REFERENCE TO PARENT APPLICATION:
 28 TELEPHONE: 609 520 4214
 29 TELEFAX: 609 520 4299
 30 TELETYPE:
 31 INFORMATION FOR SEQ. ID NO. 21:
 32 SEQUENCE CHARACTERISTICS:
 33 LENGTH: 797 amino acids
 34 TYPE: amino acid
 35 ORGANISM: Human
 36 TOPOLOGY: Linear
 37 US 08 700 0138 21

Query Match: 2.08% Score 96.5% DB 4: Length 797
 Host local similarity: 20.6% Prod. No. 0.29
 Matches: 87: Conservative 59: Mismatches 170: Indels 109: Gaps 23

Sat Aug 31 14:57:25 2002

us-09-759-056-2 - rai

[illegible]

Sat Aug 31 14:57:25 2002

us-09-759-056-2.ra1

Page 10

100

[illegible][illegible]

10 40 CRUSULEPUSV...
11 41 CRUSULEPUSV...
12 42 CRUSULEPUSV...
13 43 CRUSULEPUSV...
14 44 CRUSULEPUSV...
15 45 CRUSULEPUSV...
16 46 CRUSULEPUSV...
17 47 CRUSULEPUSV...
18 48 CRUSULEPUSV...
19 49 CRUSULEPUSV...
20 50 CRUSULEPUSV...
21 51 CRUSULEPUSV...
22 52 CRUSULEPUSV...
23 53 CRUSULEPUSV...
24 54 CRUSULEPUSV...
25 55 CRUSULEPUSV...
26 56 CRUSULEPUSV...
27 57 CRUSULEPUSV...
28 58 CRUSULEPUSV...
29 59 CRUSULEPUSV...
30 60 CRUSULEPUSV...
31 61 CRUSULEPUSV...
32 62 CRUSULEPUSV...
33 63 CRUSULEPUSV...
34 64 CRUSULEPUSV...
35 65 CRUSULEPUSV...
36 66 CRUSULEPUSV...
37 67 CRUSULEPUSV...
38 68 CRUSULEPUSV...
39 69 CRUSULEPUSV...
40 70 CRUSULEPUSV...
41 71 CRUSULEPUSV...
42 72 CRUSULEPUSV...
43 73 CRUSULEPUSV...
44 74 CRUSULEPUSV...
45 75 CRUSULEPUSV...
46 76 CRUSULEPUSV...
47 77 CRUSULEPUSV...
48 78 CRUSULEPUSV...
49 79 CRUSULEPUSV...
50 80 CRUSULEPUSV...
51 81 CRUSULEPUSV...
52 82 CRUSULEPUSV...
53 83 CRUSULEPUSV...
54 84 CRUSULEPUSV...
55 85 CRUSULEPUSV...
56 86 CRUSULEPUSV...
57 87 CRUSULEPUSV...
58 88 CRUSULEPUSV...
59 89 CRUSULEPUSV...
60 90 CRUSULEPUSV...
61 91 CRUSULEPUSV...
62 92 CRUSULEPUSV...
63 93 CRUSULEPUSV...
64 94 CRUSULEPUSV...
65 95 CRUSULEPUSV...
66 96 CRUSULEPUSV...
67 97 CRUSULEPUSV...
68 98 CRUSULEPUSV...
69 99 CRUSULEPUSV...
70 100 CRUSULEPUSV...
71 101 CRUSULEPUSV...
72 102 CRUSULEPUSV...
73 103 CRUSULEPUSV...
74 104 CRUSULEPUSV...
75 105 CRUSULEPUSV...
76 106 CRUSULEPUSV...
77 107 CRUSULEPUSV...
78 108 CRUSULEPUSV...
79 109 CRUSULEPUSV...
80 110 CRUSULEPUSV...
81 111 CRUSULEPUSV...
82 112 CRUSULEPUSV...
83 113 CRUSULEPUSV...
84 114 CRUSULEPUSV...
85 115 CRUSULEPUSV...
86 116 CRUSULEPUSV...
87 117 CRUSULEPUSV...
88 118 CRUSULEPUSV...
89 119 CRUSULEPUSV...
90 120 CRUSULEPUSV...
91 121 CRUSULEPUSV...
92 122 CRUSULEPUSV...
93 123 CRUSULEPUSV...
94 124 CRUSULEPUSV...
95 125 CRUSULEPUSV...
96 126 CRUSULEPUSV...
97 127 CRUSULEPUSV...
98 128 CRUSULEPUSV...
99 129 CRUSULEPUSV...
100 130 CRUSULEPUSV...

80 131 CRUSULEPUSV...
81 132 CRUSULEPUSV...
82 133 CRUSULEPUSV...
83 134 CRUSULEPUSV...
84 135 CRUSULEPUSV...
85 136 CRUSULEPUSV...
86 137 CRUSULEPUSV...
87 138 CRUSULEPUSV...
88 139 CRUSULEPUSV...
89 140 CRUSULEPUSV...
90 141 CRUSULEPUSV...
91 142 CRUSULEPUSV...
92 143 CRUSULEPUSV...
93 144 CRUSULEPUSV...
94 145 CRUSULEPUSV...
95 146 CRUSULEPUSV...
96 147 CRUSULEPUSV...
97 148 CRUSULEPUSV...
98 149 CRUSULEPUSV...
99 150 CRUSULEPUSV...
100 151 CRUSULEPUSV...
101 152 CRUSULEPUSV...
102 153 CRUSULEPUSV...
103 154 CRUSULEPUSV...
104 155 CRUSULEPUSV...
105 156 CRUSULEPUSV...
106 157 CRUSULEPUSV...
107 158 CRUSULEPUSV...
108 159 CRUSULEPUSV...
109 160 CRUSULEPUSV...
110 161 CRUSULEPUSV...
111 162 CRUSULEPUSV...
112 163 CRUSULEPUSV...
113 164 CRUSULEPUSV...
114 165 CRUSULEPUSV...
115 166 CRUSULEPUSV...
116 167 CRUSULEPUSV...
117 168 CRUSULEPUSV...
118 169 CRUSULEPUSV...
119 170 CRUSULEPUSV...
120 171 CRUSULEPUSV...
121 172 CRUSULEPUSV...
122 173 CRUSULEPUSV...
123 174 CRUSULEPUSV...
124 175 CRUSULEPUSV...
125 176 CRUSULEPUSV...
126 177 CRUSULEPUSV...
127 178 CRUSULEPUSV...
128 179 CRUSULEPUSV...
129 180 CRUSULEPUSV...
130 181 CRUSULEPUSV...
131 182 CRUSULEPUSV...
132 183 CRUSULEPUSV...
133 184 CRUSULEPUSV...
134 185 CRUSULEPUSV...
135 186 CRUSULEPUSV...
136 187 CRUSULEPUSV...
137 188 CRUSULEPUSV...
138 189 CRUSULEPUSV...
139 190 CRUSULEPUSV...
140 191 CRUSULEPUSV...
141 192 CRUSULEPUSV...
142 193 CRUSULEPUSV...
143 194 CRUSULEPUSV...
144 195 CRUSULEPUSV...
145 196 CRUSULEPUSV...
146 197 CRUSULEPUSV...
147 198 CRUSULEPUSV...
148 199 CRUSULEPUSV...
149 200 CRUSULEPUSV...
150 201 CRUSULEPUSV...
151 202 CRUSULEPUSV...
152 203 CRUSULEPUSV...
153 204 CRUSULEPUSV...
154 205 CRUSULEPUSV...
155 206 CRUSULEPUSV...
156 207 CRUSULEPUSV...
157 208 CRUSULEPUSV...
158 209 CRUSULEPUSV...
159 210 CRUSULEPUSV...
160 211 CRUSULEPUSV...
161 212 CRUSULEPUSV...
162 213 CRUSULEPUSV...
163 214 CRUSULEPUSV...
164 215 CRUSULEPUSV...
165 216 CRUSULEPUSV...
166 217 CRUSULEPUSV...
167 218 CRUSULEPUSV...
168 219 CRUSULEPUSV...
169 220 CRUSULEPUSV...
170 221 CRUSULEPUSV...
171 222 CRUSULEPUSV...
172 223 CRUSULEPUSV...
173 224 CRUSULEPUSV...
174 225 CRUSULEPUSV...
175 226 CRUSULEPUSV...
176 227 CRUSULEPUSV...
177 228 CRUSULEPUSV...
178 229 CRUSULEPUSV...
179 230 CRUSULEPUSV...
180 231 CRUSULEPUSV...
181 232 CRUSULEPUSV...
182 233 CRUSULEPUSV...
183 234 CRUSULEPUSV...
184 235 CRUSULEPUSV...
185 236 CRUSULEPUSV...
186 237 CRUSULEPUSV...
187 238 CRUSULEPUSV...
188 239 CRUSULEPUSV...
189 240 CRUSULEPUSV...
190 241 CRUSULEPUSV...
191 242 CRUSULEPUSV...
192 243 CRUSULEPUSV...
193 244 CRUSULEPUSV...
194 245 CRUSULEPUSV...
195 246 CRUSULEPUSV...
196 247 CRUSULEPUSV...
197 248 CRUSULEPUSV...
198 249 CRUSULEPUSV...
199 250 CRUSULEPUSV...
200 251 CRUSULEPUSV...

| 2009Y | Match | 98.18 | Score | 34.11 | 204.4 | Length | 658 |
|-------|-----------------------|-------|------------|-------|--------|--------|-----|
| | Test Local Similarity | 98.98 | Prod No. | 2.90 | 271 | | |
| | Matches | 657 | Consistent | 0 | Indels | 95 | Gap |
| | | | | | | | 12 |

[illegible]

Journal of the American Statistical Association

[illegible]

